

Converting Colors

XYZ(44.9744, 48.1052, 58.1736)

Have a look what the booklet for
XYZ(44.9744, 48.1052, 58.1736)
contains.

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Color

**XYZ(44.9757, 48.1268,
57.9579)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBAC2
RGB	175, 186, 194
RGB Percent	69%, 73%, 76%
CMY	0.3137, 0.2706, 0.2392
CMYK	0.10, 0.04, 0.00, 0.24
HSL	205°, 13%, 72%
HSV	205°, 10%, 76%
XYZ	44.9757, 48.1268, 57.9579
YIQ	183.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

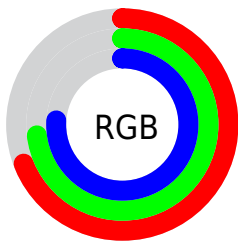
Format	Color
RYB	175, 182, 194
Decimal	11516610
CIELab	74.90, -2.20, -5.35
CIELCh	75, 5.790, 247.631
Yxy	48.1268, 0.2977, 0.3186
Android (android.graphics.Color)	4289706690 (0xFFAFBAC2)
YUV	183.6230, 5.1159, -7.5624
Hunter-Lab	69.3735, -5.6798, -0.9722

Details

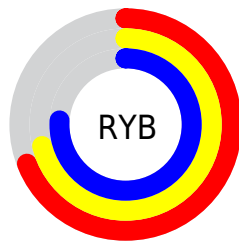
The XYZ color **44.9757, 48.1268, 57.9579** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9197, 48.4312, 47.4335**, and the grayscale version is **45.3295, 47.6902, 51.9346**.

A 20% lighter version of the original color is **81.9624, 87.3953, 102.9916**, and **21.1472, 22.8061, 28.0984** is the 20% darker color. If you saturate the color by 10%, you get **39.2593, 42.6999, 57.2124**, and if you desaturate by 10%, it is **51.4188, 54.0769, 58.7675**.

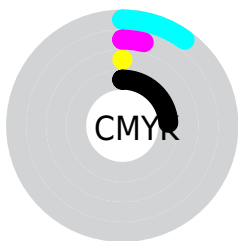
Distribution



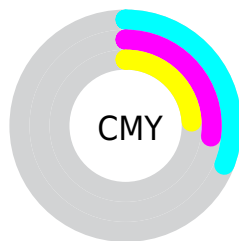
- Red (69%)
- Green (73%)
- Blue (76%)



- Red (69%)
- Yellow (71%)
- Blue (76%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9757, 48.1268, 57.9579 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.9757, 48.1268, 57.9579 by changing the saturation by 10% instead.

■ 44.9757, 48.1268,
57.9579

■ 44.9757, 48.1268,
57.9579

357.4605,
379.2945, 434.6229

■ 31.6395, 33.9273,
41.3603

■ 81.9212, 87.3932,
103.3757

■ 21.2405, 22.8378,
28.2789

106.2613,
113.2288, 133.0330

■ 13.4134, 14.4738,
18.2952

134.9999,
143.7120, 167.8807

■ 7.7928, 8.4509,
10.9905

168.5026,
179.2271, 208.3372

■ 4.0133, 4.3848,
5.9463

207.1347,
220.1585, 254.8212

■ 1.7097, 1.8911,
2.7442

251.2614,

■ 0.4623, 0.5430,

266.8906, 307.7511

0.9656

301.2482,
319.8078, 367.5455

■ 0.0000, 0.0000,
0.0000

■ 44.9757, 48.1268,
57.9579

■ 44.9757, 48.1268,
57.9579

■ 39.2593, 42.6999,
57.2124

■ 51.4188, 54.0769,
58.7675

■ 34.2373, 37.7731,
56.5262

■ 58.6109, 60.5602,
59.6399

■ 29.8809, 33.3306,
55.8983

■ 66.5786, 67.5939,
60.5776

■ 26.1576, 29.3530,
55.3268

■ 75.3458, 75.1926,
61.5822

■ 23.0320, 25.8194,
54.8094

■ 78.4011, 80.0018,
62.3494

■ 20.4649, 22.7069,
54.3440

■ 80.6856, 84.5708,
63.1109

■ 18.4118, 19.9899,
53.9278

■ 83.0775, 89.3545,
63.9082

■ 16.8206, 17.6385,
53.5578

■ 85.5780, 94.3556,
64.7417

■ 15.5937, 15.5996,
53.2289

■ 86.7378, 96.6751,
65.1283

Harmonies

Analogous

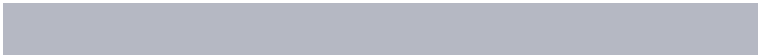
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.1559, 48.1268, 56.0284



44.9757, 48.1268, 57.9579



46.0129, 48.1268, 58.3712

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.9757, 48.1268, 57.9579



47.7825, 48.1268, 51.6345



44.5161, 48.1268, 47.9359

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.9757, 48.1268, 57.9579



46.9197, 48.4312, 47.4335

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.4743, 48.1268, 46.8541



44.9757, 48.1268, 57.9579



47.3679, 48.1268, 48.9354

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.9757, 48.1268, 57.9579



47.6440, 48.1268, 54.6432



46.5191, 48.1268, 47.2128



43.8934, 48.1268, 50.2227

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.9757, 48.1268, 57.9579



46.6900, 48.1268, 57.7172



46.5191, 48.1268, 47.2128



44.8091, 48.1268, 47.4234

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.9771, 48.1288, 57.9590



89.2120, 94.3607, 105.9813



45.5104, 51.1138, 52.2224



19.3247, 20.4691, 23.1824



0.0000, 0.0000, 0.0000



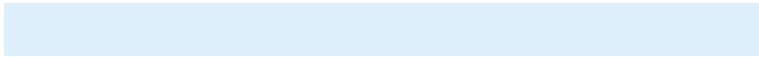
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.9771, 48.1288, 57.9590



78.8857, 84.7542, 104.6713



43.0576, 44.2898, 57.3191



10.0018, 10.6949, 12.8220



10.3193, 10.3950, 35.0192



0.5128, 0.5831, 1.5354

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.4421, 45.6754, 52.8252



82.1543, 79.3784, 93.1954



48.9281, 52.4478, 48.1029



10.3122, 10.1735, 11.7347



16.6047, 8.3316, 11.0961



0.7512, 0.3735, 0.6574

Previews

White Background



This preview shows how the XYZ color 44.9757, 48.1268, 57.9579 looks on a white background.

Color Contrast Check

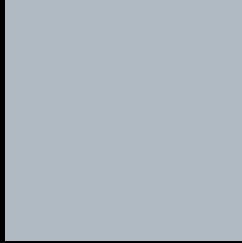
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.9757, 48.1268, 57.9579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

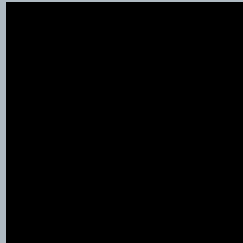
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

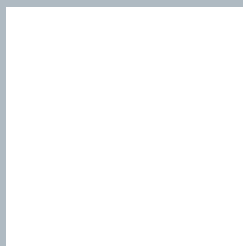
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.9757, 48.1268, 57.9579

Background



This preview shows how black text looks on a background with the XYZ color 44.9757, 48.1268, 57.9579.



This preview shows how white text looks on a background with the XYZ color 44.9757, 48.1268,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.9757, 48.1268, 57.9579

Protanopia

46.4555, 47.9870, 56.6831

Deuteranopia

48.9964, 48.0506, 58.3221



Tritanopia

45.6788, 48.0982, 61.5199

Trichromacy



Original Color

44.9757, 48.1268, 57.9579

Protanomaly

45.8222, 47.9550, 57.2932

Deuteranomaly

47.5645, 48.2148, 58.4292

Tritanomaly

45.4465, 48.0052, 60.2967

Monochromacy



Original Color

44.9757, 48.1268, 57.9579

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.4821, 48.1525, 54.4742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9757, 48.1268, 57.9579 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(175, 186, 194) looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.9757, 48.1268, 57.9579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 186, 194) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 186, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 186,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9757, 48.1268, 57.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 186, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
186, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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